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Notice of Allowability	Application No.	Applicant(s)	
	09/910,790	MOR, GAL	
	Examiner	Art Unit	
	Jamal A. Fox	2664	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/28/2005.
2. ☒ The allowed claim(s) is/are 1, 3-14 and 16-26, which have been renumbered as 1-24 respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>9/28/2005</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|--|--|

Allowable Subject Matter

1. Claims 1, 3-14 and 16-26, which have been renumbered as 1-24 respectively, are allowed.

2. The following is an examiner's statement of reasons for allowance: Regarding claims 1-24, the prior art of record fails to teach of first and second interconnect modules configured with MAC addresses assigned respectively to both the first and second modules, each such module being adapted to receive outgoing data traffic on the first network at a data rate not substantially greater than the predetermined maximum and to convey the outgoing data traffic to the second network, the first and second interconnect modules being in mutual communication so that while both of the modules are operational, each of the modules receives only the outgoing data traffic destined to its own MAC address, and so that when a fault occurs in one of the first and second modules, the other module receives a fault indication, causing the other module to receive the outgoing data traffic destined to both of the MAC addresses and to convey the outgoing data traffic to the second network. The closest reference, Arecco et al. (U.S. Patent Application Publication No. 2002/0003639), teaches of a communication device for interconnection of first and second networks, of which at least the first network is a ring network over which traffic is transmitted in both clockwise and counterclockwise directions, comprising: first and second interconnect modules, when a fault occurs in one of the interconnect modules, the other module receives a fault indication, causing the other module to receive the outgoing data traffic to the second network, but fails to teach of first and second interconnect modules configured with

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MAC addresses assigned respectively to both the first and second modules, each such module being adapted to receive outgoing data traffic on the first network at a data rate not substantially greater than the predetermined maximum and to convey the outgoing data traffic to the second network, the first and second interconnect modules being in mutual communication so that while both of the modules are operational, each of the modules receives only the outgoing data traffic destined to its own MAC address, and so that when a fault occurs in one of the first and second modules, the other module receives a fault indication, causing the other module to receive the outgoing data traffic destined to both of the MAC addresses and to convey the outgoing data traffic to the second network. Additionally, Mor et al. (U.S. Patent No. 6,952,397), teaches of a ring network over which traffic is transmitted in both clockwise and counterclockwise directions, fault protection and MAC addresses, but fails to teach of first and second interconnect modules and a second network.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. **Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks
Washington, D.C. 20231

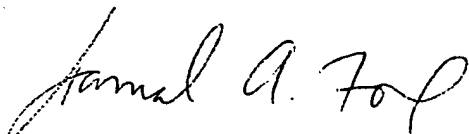
or faxed to:

(571) 273-8300, (for formal communications intended for entry)


4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jamal A. Fox whose telephone number is (571) 272-3143. The examiner can normally be reached on Monday-Friday 6:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin can be reached on (571) 272-3134. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to 2600 Customer Service whose telephone number is (571) 272-2600.



Jamal A. Fox



WELLINGTON CHIN
SUPERVISORY PATENT EXAMINER